

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

ACADEMIC SENATE

GENERAL EDUCATION COMMITTEE

REPORT TO

THE ACADEMIC SENATE

GE-004-201

BIO 3280: Biology of Aging (New B5)

General Education Committee

Date: 03/03/2021

Executive Committee  
Received and Forwarded

Date: 04/07/2021

Academic Senate

Date: 04/14/2021  
First Reading

TITLE OF REFERRAL: GE-004-201: BIO 3280: Biology of Aging (New B5)

BACKGROUND:

This is a new B5 Upper Division GE Synthesis course.

RESOURCES CONSULTED:

Office of Academic Programs, BIO Department.

DISCUSSION:

This new B5 course explores the physiology of aging, age-related diseases, biological basis of aging processes and aging intervention. Its aim is to help students synthesize acquired knowledge on aging and apply that to real life decision-making, develop critical thinking in analyzing aging related information, and contribute to the broader discussion on the inter-relationships between aging manipulation, human population and environmental sustainability. It is required that courses in this area shall deal both with the relationship between science, technology, and civilization and with the effect science and technology have on culture and human values. This course also has the required integration for Synthesis courses, incorporating the application and generalization of basic scientific or quantitative knowledge from the foundational courses to real world or practical problems. The expanded course outline for this course also demonstrates integration of themes and issues within scientific inquiry. After some back-and-forth between the Committee and the Biology Department for clarification and revision, the GE Committee unanimously voted to pass this referral.

For course details please refer to Curriculum.

RECOMMENDATION:

The GE Committee recommends Senate adopt GE-004-201: BIO 3280: Biology of Aging (New B5).